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02-03-03

2811

Brian D. Ogonowsky

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January 30, 2003

Commissioner For Patents
Washington, D.C. 20231

Re: Applicant(s): Daniel A. Steigerwald; Michael J. Ludowise; Steven A.
Maranowski; Serge L. Rudaz; Jerome C. Bhat
Assignee: Lumileds Lighting U.S., LLC
Title: Light Emitting Semiconductor Method And Device
Serial No.: 09/652,194
Examiner: Sara W. Crane
Docket No.: LML-187/704
Filed: August 31, 2000
Group Art Unit: 2811

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TECHNOLOGY CENTER 2800

Dear Sir:

Transmitted herewith are the following documents in the above-identified application:

- (1) This Transmittal Letter (1 page);
- (2) Petition for Extension of Time (1 page);
- (3) Response to Office Action (11 pages).

- ☐ No additional fee is required.
☒ The fee has been calculated as shown below:

	Claims Remaining <u>After Amendment</u>		Highest No. Previously <u>Paid For</u>		Present <u>Extra</u>		<u>Rate</u>		Additional <u>Fee</u>
Total Claims	35	Minus	50	=	0	x	\$18	\$	0.00
Independent Claims	5	Minus	3	=	2	x	\$84	\$	168.00
<input type="checkbox"/>	Fee of _____ for the first filing of one or more multiple dependent claims per application								\$
<input checked="" type="checkbox"/>	Petition for Extension of Time Fee (2 mos.)								410.00
<input checked="" type="checkbox"/>	Please charge our Deposit Account No. 502226 in the amount of								578.00
<input checked="" type="checkbox"/>	Also, charge any additional fees required and credit any overpayment to our Deposit Account No. 502226.								
Total:								\$	578.00

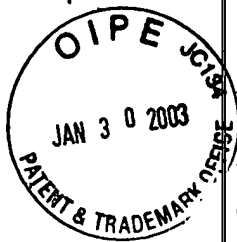
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Respectfully submitted,

R. Leiterman

Rachel V. Leiterman
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Applicants: Daniel A. Steigerwald; Michael J. Ludowise; Steven A. Maranowski;
Serge L. Rudaz; Jerome C. Bhat
Assignee: Lumileds Lighting U.S. LLC
Title: Light Emitting Semiconductor Method And Device
Serial No.: 09/652,194 Filing Date: August 21, 2000
Examiner: Sara W. Crane Group Art Unit: 2811
Docket No.: LML-187/704

San Jose, California
January 30, 2003

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COMMISSIONER FOR PATENTS
Washington, D. C. 20231

RESPONSE TO OFFICE ACTION

Dear Sir:

This responds to the Office Action dated August 30, 2002. Please amend the above-identified application as follows.

IN THE CLAIMS

Please amend the claims as follows. The following is a clean version of the entire set of pending claims. In accordance with 37 CFR § 1.121(c)(1)(ii), Attachment A provides marked up versions of the claims containing the newly introduced changes.

1. (Amended) A light-emitting device, comprising:
- a semiconductor structure having a plurality of semiconductor layers and including an active region within said layers;
 - first and second conductive metal electrodes contacting respectively different semiconductor layers of said structure; and
 - a migration barrier for preventing migration of metal from at least one of said

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